

**MORRISON | FOERSTER**425 MARKET STREET  
SAN FRANCISCO  
CALIFORNIA 94105-2482TELEPHONE: 415.268.7000  
FACSIMILE: 415.268.7522

WWW.MOFO.COM

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**FROM:** Otis Littlefield  
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Number of pages with cover page:	<b>11</b>	
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**Comments:****PLEASE PROCESS THE ATTACHED.**

Re: U.S. Patent Application Serial No. 10/014,220  
For: HS-40 ENHANCER-CONTAINING VECTOR IN  
TRANSGENIC ANIMALS  
By: Che-Kun James SHEN  
Our Reference: 51416-20001.20

Attached is the following:

1. Transmittal (1 Page)
2. Fee Transmittal (in duplicate, 2 pages)
3. Petition for Extension of Time (1 page)
4. Notice of Appeal (1 page)
5. Pre-Appeal Brief Request for Review (1 page)
6. Arguments Accompanying Pre-Appeal Brief Request for Review (5 pages)

JUN 19 2007

PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

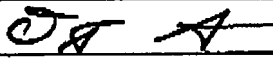
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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/014,220	
	Filing Date	November 9, 2001	
	First Named Inventor	Che-Kun James SHEN	
	Art Unit	1633	
	Examiner Name	S. Kaushal	
Total Number of Pages in This Submission	10	Attorney Docket Number	514162000120

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form (In duplicate, 2 pages)  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request (1 page)  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Pre-Appeal Brief Request for Review (1 page) 2. Argument Accompanying Pre-Appeal Brief Request for Review (5 pages)
Remarks: _____ Other Enclosures (con't): _____ 3. Facsimile Cover Sheet (not counted as part of this submission)		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	MORRISON & FOERSTER LLP (Customer No. 20872)		
Signature			
Printed name	Otis Littlefield		
Date	June 19, 2007	Reg. No.	48,751

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-6300, on the date shown below.

Dated: June 19, 2007

Signature:  (Valerie Cohen)

sf-2253085

JUN 19 2007

PTO/SB/17 (02-07)

Approved for use through 02/28/2007. OMB 0851-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2007</b>		<b>Complete if Known</b> Application Number 10/014,220 Filing Date November 9, 2001 First Named Inventor Che-Kun James SHEN Examiner Name S. Kaushal Art Unit 1633 Attorney Docket No. 514162000120	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 760.00			

**METHOD OF PAYMENT (check all that apply)**

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify):
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 03-1952 Deposit Account Name: Morrison & Foerster LLP				
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments		

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	0.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependant claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
14	20 = 0	25	0.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
1	3 = 0	100	0.00

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(g).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50	(round up to a whole number) x	=	0.00

**4. OTHER FEE(S)**

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): 2253 Extension for response within third month	510.00
2401 Notice of Appeal	250.00

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	48,761
Name (Print/Type)	Otis Littlefield	Telephone	(415) 268-6846
		Date	June 19, 2007

sf-2340776